

REMARKS

Claims 1, 2, 4 and 14 have been amended. Claims 1-17 are still pending. Reexamination and allowance of the pending claims is respectfully requested.

First, claims 1 and 14 have been amended to overcome the Section 112 rejections.

Second, the allowability of claims 2-10 is gratefully acknowledged. As a result, claims 2 and 4 have been rewritten into independent form incorporating the limitations of claim 1 (as amended to overcome the Section 112 rejection). Thus, claims 2 and 4, and claims 3 and 5-10 depending therefrom, are submitted to be in condition for allowance.

Third, the allowance of claims 11-13 is gratefully acknowledged.

Fourth, the allowability of claims 14-17 is gratefully acknowledged. Since independent claim 14 has been amended to overcome the Section 112 rejection, claims 14-17 are submitted to be in condition for allowance.

Fifth, claim 1 stands rejected under 35 U.S.C. 102(b) as being anticipated by USP 5,799,048 to Farjad-Rad et al. ("Farjad") and USP 6,535,045 to Vangal ("Vangal"). These rejections are respectfully traversed.

Amended claim 1 recites a rising-edge device that has a plurality of rising edge circuits, and a falling-edge device that has a plurality of falling edge circuits, with the buffer extending a timing margin for sampling correct data. In contrast, neither Farjad nor Vangal teach or suggest (i) a rising-edge device that has a plurality of rising edge circuits, (ii) a falling-edge device that has a plurality of falling edge circuits, or (iii) that the buffer extend a timing margin for sampling correct data. Thus, claim 1 is submitted to be allowable over Farjad and Vangal.

Thus, all pending claims are submitted to be in condition for allowance. The Examiner is encouraged to telephone the undersigned if there are informalities that can be resolved in a phone conversation, or if the Examiner has any ideas or suggestions for further advancing the prosecution of this case.

Respectfully Submitted,



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By:


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